

Converting Colors

$Y_{xy}(26.1789, 0.2480, 0.3241)$

Have a look what the booklet for
Yxy(26.1789, 0.2480, 0.3241)
contains.

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Color

$\text{Yxy}(26.0441, 0.2478, 0.3233)$

Conversions

Conversions Part 1

Format	Color
Hex	4D979A
RGB	77, 151, 154
RGB Percent	30%, 59%, 60%
CMY	0.6979, 0.4078, 0.3960
CMYK	0.50, 0.02, 0.00, 0.40
HSL	182°, 33%, 45%
HSV	182°, 50%, 60%
XYZ	19.9620, 26.0441, 34.5509
YIQ	129.2160, -45.0670, -14.7550

Conversions

Conversions Part 2

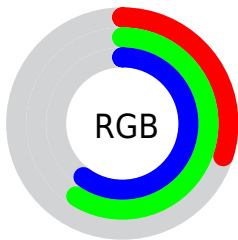
Format	Color
R_{YB}	77, 115, 154
Decimal	5085082
CIE Lab	58.08, -22.10, -8.69
CIE LCh	58, 23.747, 201.474
Yxy	26.0441, 0.2478, 0.3233
Android (android.graphics.Color)	4283275162 (0xFF4D979A)
YUV	129.2160, 12.2185, -45.7934
Hunter-Lab	51.0334, -19.4871, -4.4174

Details

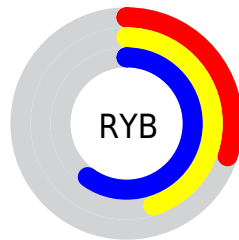
The Yxy color **26.0441, 0.2478, 0.3233** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **13.1506, 0.4460, 0.3344**, and the grayscale version is **22.0038, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.1222, 0.2613, 0.3248**, and **10.1718, 0.2254, 0.3204** is the 20% darker color. If you saturate the color by 10%, you get **25.2848, 0.2390, 0.3220**, and if you desaturate by 10%, it is **26.9581, 0.2583, 0.3246**.

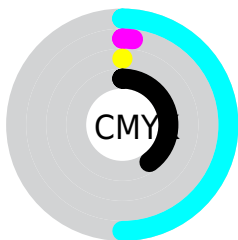
Distribution



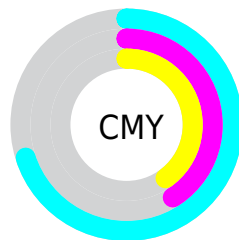
- Red (30%)
- Green (59%)
- Blue (60%)



- Red (30%)
- Yellow (45%)
- Blue (60%)



- Cyan (50%)
- Magenta (2%)
- Yellow (0%)
- Black (40%)





- Cyan (70%)
- Magenta (41%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.0441, 0.2478, 0.3233 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 26.0441, 0.2478, 0.3233 by changing the saturation by 10% instead.


 26.0441, 0.2478,
0.3233


 26.0441, 0.2478,
0.3233


282.9985, 0.2827,
0.3272


 16.8566, 0.2382,
0.3219


 53.3461, 0.2611,
0.3250

 10.1323, 0.2254,
0.3197


 72.2294, 0.2659,
0.3256


 5.4868, 0.2074,
0.3162

 95.1134, 0.2699,
0.3260

 2.5356, 0.1804,
0.3096

 122.3826, 0.2733,
0.3263

 0.8944, 0.1061,
0.3055

 154.4213, 0.2762,
0.3266

 0.0000, 0.0000,
0.0000

191.6139, 0.2786,

0.3268

234.3449, 0.2808,
0.3270

■ 26.0441, 0.2478,
0.3233

■ 26.0441, 0.2478,
0.3233

■ 25.2848, 0.2390,
0.3220

■ 26.9581, 0.2583,
0.3246

■ 24.6663, 0.2320,
0.3207

■ 28.0336, 0.2703,
0.3258

■ 24.1773, 0.2269,
0.3194


■ 29.2806, 0.2835,
0.3269


■ 23.8033, 0.2235,
0.3182

■ 30.7074, 0.2978,
0.3280

■ 23.5088, 0.2214,
0.3169


■ 32.3218, 0.3127,
0.3290

 23.5083, 0.2214,
0.3169

 34.1311, 0.3281,
0.3299

 36.1422, 0.3437,
0.3307

 38.3618, 0.3592,
0.3315

 40.7961, 0.3746,
0.3321

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



26.0441, 0.2741, 0.3627



26.0441, 0.2478, 0.3233



26.0441, 0.2382, 0.2889

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



26.0441, 0.2478, 0.3233



26.0441, 0.3095, 0.2748



26.0441, 0.3816, 0.3885

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



26.0441, 0.2478, 0.3233



13.1506, 0.4460, 0.3344

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



26.0441, 0.3933, 0.3612



26.0441, 0.2478, 0.3233



26.0441, 0.3503, 0.2979

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



26.0441, 0.2478, 0.3233



26.0441, 0.2720, 0.2640



26.0441, 0.3818, 0.3286



26.0441, 0.3513, 0.4015

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



26.0441, 0.2478, 0.3233



26.0441, 0.2419, 0.2735



26.0441, 0.3818, 0.3286



26.0441, 0.3879, 0.3805

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



26.0451, 0.2478, 0.3233



54.3549, 0.2901, 0.3274



25.2669, 0.3037, 0.4780



12.1897, 0.2873, 0.3272



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.0451, 0.2478, 0.3233



45.7748, 0.2381, 0.3219



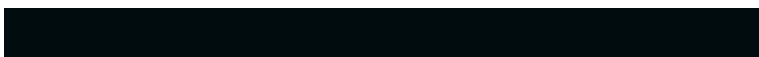
15.7123, 0.2336, 0.2481



6.9851, 0.2989, 0.3281



19.1625, 0.2214, 0.3170



0.2975, 0.2230, 0.3226

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



14.4171, 0.3224, 0.2155



22.3210, 0.3246, 0.1950



20.3843, 0.4117, 0.3967



6.3195, 0.3143, 0.3079



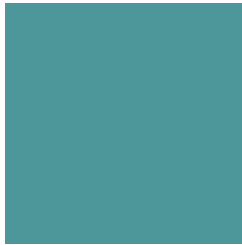
7.3398, 0.3307, 0.1596



0.1108, 0.3260, 0.1569

Previews

White Background



This preview shows how the Yxy color 26.0441, 0.2478, 0.3233 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Yxy color 26.0441, 0.2478, 0.3233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

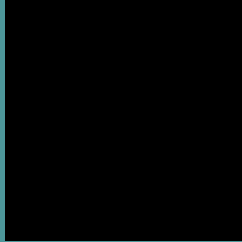
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.0441, 0.2478, 0.3233

Background



This preview shows how black text looks on a background with the Yxy color 26.0441, 0.2478, 0.3233.



This preview shows how white text looks on a background with the Yxy color 26.0441, 0.2478, 0.3233.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

26.0441, 0.2478, 0.3233

Protanopia

25.7412, 0.3058, 0.3158

Deuteranopia

25.6916, 0.3003, 0.2939



Tritanopia

26.1268, 0.2440, 0.3074

Trichromacy



Original Color

26.0441, 0.2478, 0.3233

Protanomaly

25.5279, 0.2801, 0.3185

Deuteranomaly

25.4431, 0.2775, 0.3034

Tritanomaly

25.9782, 0.2453, 0.3126

Monochromacy



Original Color

26.0441, 0.2478, 0.3233

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

23.0413, 0.2834, 0.3271

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0441, 0.2478, 0.3233 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(77, 151, 154)` looks like.

```
.text, #text, p{  
    color:rgb(77, 151, 154)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(77, 151, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 151, 154) }
```

Border

The CSS property to change the border of an element to Yxy 26.0441, 0.2478, 0.3233 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(77, 151, 154) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(77, 151, 154) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(77, 151, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 151, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 151, 154);  
box-shadow:4px 4px 4px 4px rgb(77, 151,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0441, 0.2478, 0.3233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 151, 154) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(77, 151,  
154) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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